

Atlanta Ham

OFFICIAL PUBLICATION OF THE ATLANTA RADIO CLUB, W4DOC

AUGUST 2006

It's W4DOC Elections Time in August—September

Massive CubeSat Launch Fails

NEWINGTON, CT, Jul 27, 2006--A much-heralded attempt to launch 15 CubeSats built by 11 universities and one private company failed this week. Fourteen of the tiny spacecraft carried Amateur Radio transmit-only payloads. All of the satellites appear to have been lost.

The Dnepr-1LV rocket lifted off from Russia's Baikonur Cosmodrome in Kazakhstan at 1943 UTC on July 26. Various accounts indicate that the mission went awry less than two minutes after liftoff when the first stage failed to separate on time, causing an emergency shutdown of the rocket's main engine. Reports vary on how far downrange -- and just where -- the vehicle fell. One said the Dnepr dropped to Earth some 15 km from the launch site, while another put the distance at 190 km. A third account said the Dnepr dropped into the Indian Ocean.

Originally set for June 28, the launch had been postponed until July 26. The CubeSat project was a collaboration between California Polytechnic State University-San Luis Obispo and Stanford University's

(Continued on page 4)

Elections 2006

We look forward to seeing everyone at the August 2006 W4DOC Regular Meeting. Elections are scheduled to be conducted at the meeting; however the nominating committee has yet to find candidates to run for office, so elections may be postponed until September.

Elections will be discussed at the meeting, in the hopes of getting people interested to take the positions of leadership to take the club into the 2006-2007 year.

Please consider volunteering for the leadership positions, and help the club function actively into 2007.

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THE ATLANTA HAM

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DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!

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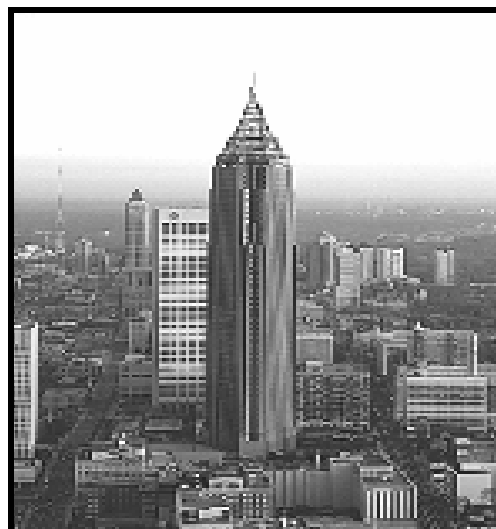
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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea markets of amateur radio equipment and other electronic equipment.



Bank of America Tower
Site of Atlanta Repeaters:
146.82(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates five repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of our system.

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate two repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Dennis, KF4MHW. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

The current schedule for net operations include the Sunday Night Net on 146.820 (Linked to 145.35 on FOX) at 8PM EST and the Southeastern VHF Net on Wednesday evenings at 9PM. The 146.820 machine can also be dialed into IRLP and SKYWARN/Peachtree City during inclement weather.

ASSOCIATE ORGANIZATIONS



MEETING NOTICE

WHEN:

Thursday August 3 , 2006
7:30PM

WHERE:

Red Cross 1955 Monroe Drive –
Atlanta

PROGRAM:

TALK IN:

146.820 (-) PL 146.2

DINNER: Call 146.820 for the
Latest info



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Swain's Island is newest DXCC entity

Swain's Island is newest DXCC entity (Jul 24, 2006) -- A recent addition to the DXCC rules has led to the designation of Swain's Island (KH8) as the 337th DXCC entity. A brief inaugural DXpedition operating under the call sign KH8SI was to get under way this week. In June, the ARRL DXCC Desk announced the addition of a Paragraph (c) under Section II, DX List Criteria, 1. Political Entities of the DXCC Rules: "The Entity contains a permanent population, is administered by a local government and is located at least 800 km from its parent. To satisfy the 'permanent population' and 'administered by a local government' criteria of this subsection, an Entity must be listed on either (a) the US Department of State's list of 'Dependencies and Areas of Special Sovereignty' as having a local 'Administrative Center,' or (b) the United Nations' list of 'Non-Self-Governing Territories.'" The new language reclassified American Samoa as a political entity for DXCC purposes. Subsequently, the DX Advisory Committee and the Awards Committee concurred with a request, accompanied by substantiating evidence, and added Swain's Island to the DXCC List as the first "separation entity" from American Samoa. "The distance between American Samoa and Swain's Island has been determined to be in excess of 350 km as required by DXCC Rules Section II, Paragraph 2, Section b)," the DXCC Desk said. Contacts made with Swain's Island on or after 0001 UTC on July 22, 2006, will count for DXCC credit. For more information, including the DXCC Reference Number for Swain's Island, contact the DXCC Desk.

Massive CubeSat Launch Fails

(Continued from page 1)

Space Systems Development Laboratory. All of the CubeSats were designed and built by students at various universities in the US and elsewhere in the world. The CubeSat roster included AeroCube-1, CP-1, CP-2, ICE Cube-1, ICE Cube-2, ION, HAU-SAT-1, KUTESat, MEROPE, nCube-1, RINCON, SACRED, SEEDS, PiCPoT and Voyager.

Thirteen of the satellites were to have downlinks in the Amateur Radio satellite allocation between 435 and 438 MHz, and one was to operate on 145.980 MHz. None of the spacecraft carried a transponder. Transmitter power outputs ranged from 10 mW to 2 W.



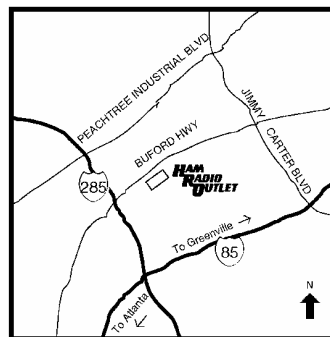
The Dnepr was the second to launch this month from Baikonur's Area 109. Other payloads included BelKA, the first Belarusian satellite, and three other microsatellites. According to Satellite Launch Report, the original Dnepr launcher was replaced by a different one in June after a problem was detected in the original vehicle's digital flight control system.

The Dnepr launch failure was said to be the first in seven orbital launch attempts. The Dnepr vehicle is a repurposed SS-18 "Satan" three-stage intercontinental ballistic missile, originally designed in the 1980s to compete with the US Peacekeeper missile. The START 2 treaty allowed up to 150 of the missiles to be converted for use as space launchers.

The Russian space agency has convened a special commission to look into the cause of the malfunction.



Tailor-made for DX'ing, the new TS-480HX HF transceiver raises the bar on portable performance. Despite its compact dimensions, it delivers an astonishing punch: 200W with a DC 13.8V supply. Yet its separate control panel is perfect for base station use. Sharing virtually all the same powerful features is the 100W TS-480SAT, except that it boasts a built-in antenna tuner. Whichever model you choose, you can be sure of enjoying the best of both worlds - first-rate communications at home and on the trail. This product can be used with the 5MHz frequency band for the US market.



All the top brands of amateur radio equipment available!

We'll see you in June at the Hamfest!

**800-444-7927 770-263-0700
24 HOUR FAX 770-263-9548**

**atlanta@hamradio.com
6071 Buford Hwy,**

METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

Athens, GA

1st Monday of each EVEN-numbered month at 7:00 pm 2095 W. Broad Street.
Contact: EDWIN FUQUA, N4VA
(706) 354-1727 E: edwin.fuqua@charter.net

Cartersville, GA

1st Tuesday of each month at the Cartersville Kroger. Contact: JODI POWELL, AG4BK
(770) 387-1591

Gainesville, GA

1st Sunday of EVEN-numbered months
Johnson High School, 3305 Poplar Springs Rd
Contact: ALFRED WESTBROOK, KT4VP
(770) 965-4901 Email: kt4vp@arrl.net

Lilburn, GA

Gwinnett Amateur Radio Society
4th Friday of Every Month at 7:00 pm
St. John Neumann Church 801 Tom Smith Rd
Contact: Howie Gould, W9HG (770)921-8362
Headphones provided for CW tests.

Milledgeville, GA ARRL / VEC

2nd Saturday of each month at 10:00 am
at the Mary Vinson Memorial Library, 151 S.
Jefferson St across from the Georgia Military
Academy. Contact: OTIS MURPHY W4OY
(478) 452-6394 Email: W4OY@arrl.net

Peachtree City, GA

1st Thursday of EVEN-numbered months at 7:00 pm, and the 2nd Saturday of ODD-numbered months at 10:00 am at the Peachtree City Library, downstairs meeting room. Contact: JAN DUBROCA, KN4JD (770) 502-0760

Snellville, GA

2nd Tuesday of every month at 7:00 pm
at Walton EMC, 3645 Lenora Church Road.
Contact: WAYNE TAYLOR, WD3CCA
(770) 498-7759

Stone Mountain, GA ARRL / VEC

Alford Memorial Radio Club
2nd Saturday of ODD-numbered months at 8:30 am Stone Mountain United Methodist Church, 5312 W. Mountain St.
Contact: BOB VARONE, W4ETN
(770) 978 3179 Email: bvarone@juno.com

Atlanta, GA

4th Sunday of each month, 2:30pm Georgia Tech
Visit <http://cyberbuzz.gatech.edu/w4aql/test.html> for more information and to sign up for a mailing list.

No pre-registration is required.

Email: w4aql-ve@cyberbuz.gatech.edu (emails preferred over phone calls) Phone: 404-894-2936

UPCOMING CONTESTS AND OP ACTIVITIES

Jul 12-Jul 16, 1800Z-2200Z, Austin, TX. Naturist Amateur Radio Club, NU5DE. Nude Awareness Celebration/Nude Recreation Week. 21.365 14.265 7.265. Certificate. Naturist Amateur Radio Club, PO Box 200812, Austin, TX 78720-0812. www.nu5de.org.

Jul 15, 1600Z-1800Z, Colorado Springs, CO. Pikes Peak Radio Amateur Association (PPRAA), AF0S. 200th anniversary of Zebulon Pike's Expedition. 14.265. QSL. PPRAA, PO Box 16521, Colorado Springs, CO 80935. www.ppraa.org.

Jul 16-Jul 17, 1600Z-1600Z, Muskegon, MI. Michigan DX Association And A.R.G.Y.L., N8S. USS *Silversides* Submarine Special Event N8S. 146.445 14.243 7.243 3.543. QSL. Michigan DX Association, 1235 Morgan NW, Grand Rapids, MI 49504. <http://mdxa1.org/silversidesspecial.html>.

UPCOMING HAMFEST CALENDAR

August 12

Ellijay Amateur Radio Society

<http://www.qsl.net/w4hhh/>

Talk-In: 146.985 -600 (PL 77)

Lions Club 1729 South Main Street (Old GA Hwy 5 S)

Aug 19-20

Alabama Section Conv

Huntsville Hamfest Assc

<http://www.hamfest.org>

Talk-In: 146.940

Sept 16

Paulding Amateur RC

www.pauldingarc.com

Talk-In: 146.895 (PL 77)

Dallas, GA

Paulding Meadows Park
Highway 61 North

The Signman of Baton Rouge



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W4DOC
BADGE!**

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call for pricing

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[Http://thesignman.com](http://thesignman.com)

FCC SUSPENDS HAM LICENSES FOR FAILURE TO MAINTAIN MAILING ADDRESS

The ARRL Letter
Vol. 25, No. 29
July 21, 2006

The FCC has suspended two Amateur Radio licenses because the holders had failed to maintain correct mailing addresses in the Commission's licensee database.

Special Counsel in the FCC Spectrum Enforcement Division Riley

Hollingsworth wrote Larry L. Smith, KC7LJR, of Middleton, Idaho, and Larry J. Maniag, KD7JTG, of Payson, Arizona, on June 28 to inform them the FCC was suspending their Technician tickets for the remainder of their license terms or until each licensee provides a valid mailing address.

In his letter to Smith, Hollingsworth noted that on three occasions in late 2005, the FCC had been unable to deliver warning notices alleging deliberate interference to a 2-meter repeater system.

He told Maniag that the US Postal Service earlier this year returned as undeliverable two warning notices alleging deliberate interference with several repeaters.

Hollingsworth cited §97.23 of the Commission's Amateur Radio Service rules that requires each license grant to show the licensee's correct name and mailing address. The rule provides that "revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct mailing address."

Hollingsworth cited the same rule to an Ohio licensee apparently tempting a similar fate. On June 26

Hollingsworth afforded Robert D. Reckner, W8IQJ, more time to respond to complaints involving his service as MIDCARS net control. The complaint alleges deliberate interference as a result of his starting the net on top of existing communications on 7.258 MHz in April. A June 1 letter enclosing the complaint came back to the FCC as undeliverable, he said.

In another failure-to-reply case, Hollingsworth notified William E. Kuth, KB2SGQ, of Utica, New York, on June 27 that his license renewal application has been designated for dismissal. That action effectively eliminates Kuth's Amateur Radio privileges, and Hollingsworth reminded him of that fact.

In May, the FCC notified Kuth that his renewal application "could not be routinely granted" and had been referred to the Enforcement Bureau for review. That came in the wake of a Warning Notice for allegedly operating on 26.815 MHz without a license and causing interference on 10 meters. Additional complaints alleged that Kuth operated on 26.945 MHz.

Hollingsworth said postal records indicate that Kuth received the FCC inquiry on May 5 but did not respond. The letter to Kuth noted that the address on his renewal application differed from his actual mailing address. Kuth's Technician license expired in November 2004.

The FCC dismissed the upgrade application of Andrew O. Ojwang, KI4LTH, of Roswell, Georgia, based on the licensee's response to "numerous complaints about the operation of your station since the grant of your General class license," Hollingsworth wrote. Following the complaints, the FCC last October set aside Ojwang's General license and his renewal application, which reverted to pending status.

"Pursuant to your response dated May 31, 2006, your General class application is being forwarded to the Wireless Telecommunications Bureau for dismissal," Hollingsworth informed Ojwang on June 28. Complaints regarding Ojwang's on-air operation would have to be resolved before the Commission would consider an upgrade application, Hollingsworth advised. The FCC appears to have renewed Ojwang's Technician ticket for a full 10-year term, however.

Meanwhile, a Texas man, Billy J. Benefiel, W5BJB, turned in his amateur license rather than respond to complaints alleging that he was operating on frequencies not authorized to him as a Technician, and for causing interference.

ATLANTA RADIO CLUB, INC P.O. Box 720398 Atlanta, GA 30358

New[] Renewal[] Treasurer Use: Date Paid: Amount: Cash[] or Check#

Name _____ Call _____ Class _____

Address _____ City _____ ST ____ Zip _____

Phone _____ E-mail _____ Birth _____

Occupation _____ Spouse's Name _____

Family Names (Included in membership) List Here:

Type of Application [] Voting \$22 [] Student \$8 [] Family \$2/person(non-voting)

DUES PAID: ARC \$ _____ + FAMILY \$ _____ TOTAL \$ _____

Make your check payable to Atlanta Radio Club

Ellijay Hamfest Saturday August 12, 2006 "Biggest Little Hamfest in Georgia."

Greetings from Ellijay, GA!

This is to remind you that the Ellijay Hamfest, sponsored by the Ellijay Amateur Radio Society (EARS) is coming up on Saturday, August 12, 2006.

"Biggest Little Hamfest in Georgia."

As usual, there is NO ENTRY FEE, tables are FREE (limited number) and the tailgate spaces are FREE (including under the Pavilion).

What more can you ask for?

SETUP: Indoor: Friday Aug. 11, 5PM - 9PM; Saturday, Aug. 12, from 6AM

Tailgate and Covered Pavilion: Sat., Aug 12, from 6AM

GENERAL ADMISSION: Gates open 7AM - 2PM

MORNING COFFEE: 50 cent Donation; DONUTS 50 cent EACH (While they last).

Upon arrival, we ask that each attendee sign in at our registration table.

This year we have streamlined the registration and ticket donation processes

so you get into the ham fest sooner. Signing in entitles you to one free

ticket toward the prizes in our GENERAL PRIZE drawing.

This includes some

really nice ARRL publications. You DO NOT have to be present to win one of

our General Prizes.

In addition, we will be taking donations to benefit our club and to help

offset the cost of the ham fest. The donations will entitle you to tickets

toward our GRAND PRIZES. You DO NOT have to be present to win either of our

GRAND PRIZES. This year, our prizes include:

1st Prize - IC-2200H 2M Mobile Transceiver

2nd Prize - IC-V8 2M Handi Talkie

Ticket donations include:

1 for \$1, 4 for \$3, 7 for \$5, 15 for \$10, 25 for \$15 or 30 for \$20

The hamfest will be held in the Ellijay Lion's Club facility (same as last year) located at 1729 S. Main St (Old Hwy 5 South), Ellijay, GA. We will have signs around town to direct you. Our TALK-IN: 146.985 (-600; PL 77Hz)

FREE INDOOR TABLES Limited Number)

Reserve on First Come-First Served Basis

Contact Sam, k4swu@ellijay.com , Phone 706-276-4877

QUESTIONS about the ham fest, contact Sam at the above email address or telephone number.

RV HOOKUPS (limited number), Contact Sam at the above email address or telephone number.

Bring your own tables for tail-gate or outdoor pavilion set up

HOPE TO SEE YOU ALL THERE!!!

73,

Dave Meadows - K4LDI

ATLANTA RADIO CLUB, INC
PO BOX 720398
ATLANTA, GA 30358



MEETING NOTICE - THURSDAY Aug 3, 2006

Robert C. Garcia

"Bob" - KD4JRT

"The Scopeman"

Tektronix Scope Repairs

845 Fairfield Dr.
Marietta, Ga 30068

770-977-5701
Esaronel@bellsouth.net

Join us for Lunch Bunch every Friday!



Location: Frankies

5600 Roswell Rd NE Atlanta, GA 30342-1150

(404) 843-9444

In The Prado

1130AM—1230PM